

## WHAT IS CLAIMED IS:

1. An electric power steering apparatus comprising:

a steering torque sensor for detecting steering torque exerted on a steering system;

a motor for exerting assist steering torque on the steering system;

a motor current sensor for detecting drive current of the motor;

a target current setting section for determining target current to be supplied for the motor based on the steering torque detected by the steering torque sensor;

a feedback control section for executing feedback control based on a deviation between the target current and the drive current of motor; and

a feedforward control section for executing feedforward control based on the target current,

wherein gain of the feedforward control is adapted to be greater as the speed of a vehicle increases.

2. The apparatus according to claim 1 wherein gain of the feedback control is adapted to be greater as the speed of vehicle increases.